

**IN THE CLAIMS**

Claims 1-14 (canceled)

15. (currently amended) A process for recovering hydrocarbons in oil well deposits and for reducing contamination in cement clinker production, comprising:

subjecting effluences in the form of combustion and/or calcining gases of cement clinker production to at least one of the steps of adsorption, separation of dusts, condensation, liquefaction, distillation and compression;

mixing effluences from the combustion of fuel and effluences from calcining limestone to an extent that a percentage of N<sub>2</sub> and CO<sub>2</sub> of 75 to 85% and 15 to 25%, respectively, is obtained such that the sum of both percentages is 100%;

adjusting the temperature, concentration, pressure and/or ~~expenditure~~ volume of the effluences in order to obtain treated inert gases compatible with hydrocarbons of the deposits; and

injecting said treated gases into said oil well deposits.

16. (canceled)

17. (currently amended) A process according to claim 15 ~~or 16~~, wherein water and oxygen are recycled.

18. (canceled)

19. (canceled)

20. (currently amended) A process according to claim 15 or ~~16~~ 17, wherein said combustion and/or calcining gases result from the combustion of materials selected from

the group consisting of fossil fuel (oil, gas and coal) or alternative fuels including waste tires and waste wood, and combinations thereof.